Index of Claims

| Appli | cati | on/C | Contr | ol No. |
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10/707,898

Examiner

Alexander G. Ghyka

Applicant(s)/Patent under Reexamination

SAXLER, ADAM WILLIAM

Art Unit

2812

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Clá           | aim      | L        |          |          | Da     | te        |  |                 |  | Cla             | im       |  |                 |                | Da            | te     |  |   |               | CI    | aim      |          |                        |          | C        | Date     | •        |          |           |          |
|---------------|----------|----------|----------|----------|--------|-----------|--|-----------------|--|-----------------|----------|--|-----------------|----------------|---------------|--------|--|---|---------------|-------|----------|----------|------------------------|----------|----------|----------|----------|----------|-----------|----------|
|               | -        | 3        | П        |          | Т      |           |  |                 |  |                 |          | T  | $\overline{}$   |                | T             | Т      |  | Т                                       |               |       |          |          |                        |          |          |          |          |          | $\Box$    | $\neg$   |
| Final         | Original | 12       | l        |          | 1      | -         |  |                 |  | Final           | Original | 10   |                 |                |               |        |  |   |               | Final | Original |          |                        |          |          |          |          |          | 1         | - 1      |
| iĒ            | <u>;</u> | 5        | ۱ ۱      |          |        | 1         | H  |                 |  | i <u>E</u>      | ij       | 6  | T               |                | - [           |        |  |   |               | ιĒ    | Į į      | Į        |                        |          |          |          |          |          |           | - 1      |
|               | ا تا     | 130      | +        |          | 1      |           |  |                 |  |                 | ٥        | 10   | <b>†</b>        |                |               | 1      |  |   |               |       | '        |          |                        |          |          |          |          |          | - 1       | - 1      |
|               | 1        | 7        |          |          |        | T         |  |                 |  |                 | 51       | N  | $\Box$          |                |               |        |  | $\sqcap$                                |               |       | 101      | П        | П                      |          |          |          |          | コ        | $\neg$    |          |
|               | 2        | ī        | П        |          | T      | T         | П  |                 |  |                 | 52       | ĪΤ   |                 |                | $\Box$        | T      |  |   |               |       | 102      |          | П                      |          |          |          |          | T        | ヿ         |          |
|               | 3        | П        |          |          | $\top$ |           | П  |                 |  |                 | 53       | П  | Ì               |                | $\neg \vdash$ | T      |  | $\top$                                  |               |       | 103      |          |                        |          |          |          |          |          | ヿ         |          |
|               | 4        | П        |          |          |        |           | П  |                 |  |                 | 54       | П  |                 |                | Т             | 1      |  | $\sqcap$                                |               |       | 104      |          | П                      |          |          |          |          | $\neg$   | $\neg$    |          |
|               | 5        | П        | П        |          |        | Ì         |  |                 |  |                 | 55       | П  |                 |                | $\top$        | 1      |  | $\sqcap$                                |               |       | 105      |          | П                      |          |          |          |          |          | $\neg$    |          |
|               | 6        | П        | П        |          |        |           | П  | П               |  |                 | 56       | П  |                 |                | Т             |        |  | $\sqcap$                                |               |       | 106      |          | П                      |          |          |          |          |          | $\exists$ |          |
|               | 7        | П        | П        |          |        |           |  |                 |  |                 | 57       | N  |                 | $\Box$         |               | $\top$ |  | П                                       |               |       | 107      |          | П                      |          |          |          |          | T        | $\neg$    |          |
|               | 8        | П        | П        |          |        |           |  | $\sqcap$        |  |                 | 58       | 1  |                 | $\Box$         |               | $\top$ |  | $\top$                                  |               |       | 108      |          | П                      |          |          |          |          | $\neg$   | コ         |          |
|               | 9        | П        | П        | T        | 丁      | Ī         | П  | П               |  |                 | 59       | 1  | П               | $\Box$         |               | $\top$ | П  | 77                                      |               |       | 109      |          | П                      |          |          |          |          |          | $\neg$    |          |
|               | 10       | П        | П        |          | 丁      | 1         |  |                 |  |                 | 60       | П  |                 |                |               | Т      |  |   |               |       | 110      |          | П                      |          |          |          |          | $\neg$   | $\neg$    |          |
|               | 11       | П        | П        | $\neg$   | $\top$ |           |  | $\sqcap$        |  |                 | 61       | П  | П               | $\sqcap$       | T             | 1      |  | $\neg \neg$                             |               |       | 111      |          | П                      |          |          | $\neg$   |          | $\neg$   | $\dashv$  |          |
|               | 12       | П        | П        | $\neg$   | 7      | $\top$    |  | $\Box$          |  |                 | 62       | π  | П               |                | $\top$        | 1      |  | $\top$                                  |               |       | 112      |          | П                      |          |          |          |          | T        | $\dashv$  |          |
|               | 13       | П        | П        | $\neg$   | 十      | $\top$    | $\Box$   | $\dashv \dashv$ |  |                 | 63       | T  | П               | $\Box$         |               |        |  | $\top$                                  |               |       | 113      |          | П                      |          | -        |          |          | 7        | $\dashv$  | _        |
|               | 14       |          | П        | $\neg$   | T      | 1         |  | $\neg \neg$     |  | М               | 64       | П  | $\Box$          |                | $\top$        |        |  | $\top$                                  |               |       | 114      |          | М                      |          |          |          |          | 寸        | $\dashv$  |          |
|               | 15       |          | П        | $\top$   | $\top$ | †         | 1 1  | $\dashv \dashv$ |  | $\Box$          | 65       | $\sqcap$   | П               | $\Box$         |               |        |  | $\top$                                  |               |       | 115      |          | П                      | $\neg$   | $\neg$   |          |          |          | $\dashv$  |          |
|               | 16       |          | П        | $\top$   | 丁      | T         |  | $\neg \neg$     |  |                 | 66       | Π  | П               |                |               |        |  | $\top$                                  |               |       | 116      |          | П                      |          |          |          |          |          | ヿ         |          |
|               | 17       | +        | П        | $\top$   | $\top$ | 1         | $\sqcap$   | $\dashv \dashv$ |  |                 | 67       | П  | П               |                | T             |        |  | $\top$                                  |               |       | 117      |          |                        | $\neg$   |          |          |          | 丁        | $\dashv$  |          |
|               |          | N        | П        | $\dashv$ | 1      | 1         |  | $\top$          |  |                 | 68       | Π  | П               | $\dashv$       | 十             | $\top$ |  | $\top$                                  |               |       | 118      |          |                        |          |          | $\neg$   | $\neg$   | 寸        | $\dashv$  |          |
|               | 19       | ī        |          |          | 1      | T         |  | $\top$          |  |                 | 69       | П  | H               |                | ┪             |        |  | $\top$                                  |               |       | 119      |          |                        | $\neg$   |          | $\neg$   |          | $\dashv$ | 寸         | _        |
|               | 20       | $\sqcap$ | П        | $\neg$   | $\top$ | $\top$    |  | $\dashv \dashv$ |  |                 | 70       | Π  | П               |                | $\dashv$      |        |  | 1                                       |               | -     | 120      | •        | H                      | 一        |          | $\neg$   |          | 寸        | 寸         | _        |
|               | 21       | 丁        | П        |          |        | 1         |  | $\Box$          |  |                 | 71       | П  | П               | $\neg$         |               | $\top$ |  | $\top$                                  |               |       | 121      |          |                        | $\neg$   | $\Box$   | ヿ        |          | _        | ヿ         |          |
|               | 22       | T        |          | 十        | T      | 1         |  |                 |  |                 | 72       | 17   | П               | $\neg$         | ┪             | $\top$ |  |   |               |       | 122      | $\vdash$ |                        |          |          |          |          | -        | ヿ         | _        |
|               | 23       | 巾        |          | $\neg$   | $\top$ | 1-        | 1 1  | $\top$          |  |                 | 73       | +  | П               |                | 1             | t      |  |   |               |       | 123      |          | П                      |          | $\neg$   | _        |          | $\dashv$ | ヿ         | $\neg$   |
|               | 24       | Т        |          | $\neg$   | ┱      | †         |  | $\dashv$        |  |                 | 74       | +  | 1               |                | +             | 1-     |  | $\top$                                  |               |       | 124      | T        |                        |          | $\dashv$ | 一        | $\neg$   |          | 寸         | _        |
|               | 25       |          | П        | $\neg$   | 1      | 1         |  |                 |  |                 | 75       | 1/4  |                 |                |               | 1      | H  | $\top$                                  |               |       | 125      | -        |                        |          | $\dashv$ | $\dashv$ |          | _        | 十         | $\neg$   |
|               | 26       | T        | $\Box$   |          | 1      | +-        | $\vdash$   | $\top$          |  |                 | 76       | N  | $\Box$          |                | $\top$        |        |  | +                                       |               |       | 126      | ┢        | Н                      |          |          |          | $\dashv$ | 1        | 十         |          |
|               | 27       | H        |          | $\dashv$ | ┪~     | +         | Ħ  |                 |  |                 | 77       | N  | 1               |                | _             |        | $\vdash$   | +                                       |               |       | 127      | $\vdash$ | H                      | _        |          | _        | $\dashv$ | $\dashv$ | 十         | $\neg$   |
|               | 28       | T        | $\vdash$ | _        | 1      | 1         |  | $\top$          |  |                 | 78       | <del>  `</del>                                   |                 |                | $\top$        | +-     |  | +                                       |               |       | 128      | $\vdash$ | П                      |          | _        |          | $\dashv$ | $\dashv$ | $\dashv$  | $\neg$   |
|               | 29       | 巾        |          | $\dashv$ | +      | +         | $\vdash$   | $\top$          |  |                 | 79       | ├─   | Н               | _              | ╅             | +-     |  | +                                       |               |       | 129      | -        | Н                      |          | ┪        | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$  | $\neg$   |
|               | 30       | $\top$   | $\vdash$ | 十        | ╅      | 1         | $\vdash$   | +               |  |                 | 80       | ┢  |                 | — <del> </del> | +             | -      | H  | +                                       |               |       | 130      | -        | Н                      |          | $\dashv$ | $\neg$   | _        | $\dashv$ | -         | -        |
|               | 31       | 1        | $\vdash$ | $\dashv$ | +      | +         | $\vdash$   | +               |  |                 | 81       | t  | $\vdash$        | $\dashv$       | +             | +      |  | +                                       |               |       | 131      |          | $\vdash$               |          |          |          | $\dashv$ | $\dashv$ | $\dashv$  | -        |
|               | 32       | $\sqcap$ | $\vdash$ | -+-      | +      | $\dagger$ | $\vdash$   | +               |  |                 | 82       | Η-   | $\vdash$        | _              | $\dashv$      | +      | $\vdash$   | +                                       |               |       | 132      |          | $\vdash \vdash$        |          | $\dashv$ | -        | $\dashv$ | 十        | -+        | ᅱ        |
|               | 33       | $\dashv$ | $\vdash$ |          | +      | +         |  | +               |  |                 | 83       |  | $\vdash$        | $\dashv$       | +             | +      |  | ╅┥                                      |               |       | 133      | H        | $\vdash$               | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$  | -        |
|               | 34       | $\sqcap$ | $\vdash$ |          | $\top$ | +         | $\vdash$   | $\dashv \dashv$ |  |                 | 84       | $\vdash$   | $\vdash$        | $\dashv$       | $\dashv$      | $\top$ |  | +                                       |               |       | 134      | $\vdash$ | H                      | $\neg$   | $\dashv$ |          | $\dashv$ | 十        | $\dashv$  | -        |
|               | 35       | $\sqcap$ | $\vdash$ | $\dashv$ | $\top$ | $\dagger$ | $\vdash$   | +               |  |                 | 85       | $\vdash$   | $\vdash$        | 十              | $\top$        | T      | $\vdash$   | +                                       |               |       | 135      |          | H                      | $\dashv$ | 一        | $\dashv$ | 一        | $\dashv$ | $\dashv$  | ᅱ        |
|               | 36       | П        | $\vdash$ |          | +-     | +-        | -  | $\dashv\dashv$  |  |                 | 86       | $\vdash$   | $\vdash$        | $\dashv$       | +             | +      | $\vdash \vdash$                                  | +                                       |               |       | 136      |          | $\vdash$               | $\dashv$ | $\dashv$ |          | $\dashv$ | -+       | 十         | -        |
|               | 37       | $\dashv$ | $\vdash$ | $\dashv$ | +      | +         | $\vdash$   | $\dashv \dashv$ |  | <del>-  </del>  | 87       | ┢┈   | $\vdash$        | $\dashv$       | +             | +      | +  | +                                       |               |       | 137      | -        | $\vdash \vdash \vdash$ |          | $\dashv$ | -        |          | $\dashv$ | $\dashv$  | -        |
|               | 38       | H        | $\vdash$ | $\dashv$ | +      | +-        | <del>  -  </del>                                 | ╅               |  | $\vdash \dashv$ | 88       | $\vdash$   | $\vdash$        | $\dashv$       | +             | +      | <del>                                     </del> | ┿┽                                      | :::: <b> </b> |       | 138      | -        | $\vdash$               | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  | -        |
| -             | 39       | $\sqcap$ | $\vdash$ | +        | +-     | +         | <del>                                     </del> | $\dashv \dashv$ |  |                 | 89       |  |                 | $\dashv$       | +             | +      |  | +                                       |               |       | 139      | $\vdash$ | $\vdash \vdash$        | $\dashv$ | -        |          | $\dashv$ | -        | $\dashv$  | -        |
|               | 40       | $\dashv$ | $\vdash$ |          | +      | +         |  | $\dashv \dashv$ |  |                 | 90       | $\vdash$   | $\vdash$        | $\dashv$       | +-            | +      | $\vdash$   | +                                       | :::::}        |       | 140      | $\vdash$ | $\vdash \vdash$        |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  | -        |
|               | 41       | $\dashv$ | $\vdash$ | +        | +      | +         | -  | $\dashv$        |  | $\vdash$        | 91       | $\vdash$   | $\vdash \dashv$ | $\dashv$       | +-            | +      | +  | +                                       |               |       | 141      | H        | $\vdash \vdash$        | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | _        |
|               | 42       | +        | $\vdash$ | -+-      | +      | +         | $\vdash$   | $\dashv \dashv$ |  | <del>-  </del>  | 92       | <del>                                     </del> | $\vdash$        | +              | +             | +      | <del>   -</del>                                  | $\dashv \dashv$                         | :::: <b>:</b> |       | 142      | $\vdash$ | $\vdash \vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |          |
| $\dashv$      | 43       | H        | $\vdash$ |          | +      | +         | <del>                                     </del> | $\dashv \dashv$ |  |                 | 93       | <del>                                     </del> | $\vdash \dashv$ | $\dashv$       | +             | +      | $\vdash$   | +                                       | H             |       | 143      | Н        | $\vdash \vdash$        | ╌┤       |          | -        | $\dashv$ | $\dashv$ | $\dashv$  | _        |
|               | 44       | +        | $\vdash$ | +        | +      | +         | $\vdash$   | $\dashv$        |  |                 | 94       | ╁  | $\vdash$        | $\dashv$       | +             | +      |  | +                                       | <b> </b>      |       | 144      |          | $\vdash$               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | _        |
| $\dashv$      | 45       | H        | $\vdash$ | +        | +      | +         | $\vdash \vdash$                                  | ┧               |  |                 | 95       | $\vdash$   | ┝╾┤             | $\dashv$       | +             | +      | <del></del>                                      | +                                       | ⊪∦            |       | 145      |          | $\vdash$               | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | _        |
| $\overline{}$ | 46       | H        | $\dashv$ | $\dashv$ | ╁      | $\vdash$  | $\vdash$   | $\dashv\dashv$  |  |                 | 96       | $\vdash$   | $\vdash$        | +              | +             | +      |  | $\dashv$                                | :::: <b>:</b> |       | 146      | Н        | $\vdash$               | $\dashv$ | $\dashv$ |          | $\dashv$ | +        | $\dashv$  | -        |
| $\dashv$      | 47       | t        | $\dashv$ | -        | ╁╴     | +         | ++   | $\dashv \dashv$ |  |                 | 97       | ╁╴   | $\vdash$        | $\dashv$       | +             | +      | -  | +                                       | 1             |       | 147      | -        | $\vdash$               | $\dashv$ |          | -        |          | $\dashv$ | $\dashv$  | ᅱ        |
|               | 48       | +        | -+       | $\dashv$ | +      | +-        | $\vdash \vdash$                                  | $\dashv\dashv$  |  |                 | 98       | $\vdash$   | $\vdash$        | $\dashv$       | +             | +      | +  | ┯┤                                      | ŀ             |       | 148      | Н        | $\vdash$               |          | $\dashv$ | $\dashv$ |          | +        | $\dashv$  | $\dashv$ |
|               | 49       |          | -+       | +        | +      | $\vdash$  | $\vdash$   | +               |  |                 | 99       | $\vdash$   | H               | $\dashv$       | +             | H      |  | ┿┥                                      | <b> </b>      |       | 149      | Н        | $\vdash$               |          | $\dashv$ | $\dashv$ |          | +        | $\dashv$  | $\dashv$ |
|               | 50       | N        | -+       | +        | +      | Н         | $\vdash$   | +               |  |                 | 100      | -  | $\vdash$        | $\dashv$       | +             | +      |  | ╁┤                                      | ŀ             |       | 150      | Н        | $\vdash$               | $\dashv$ | $\dashv$ | $\dashv$ |          | +        | $\dashv$  | $\dashv$ |
|               | - 50     | <u> </u> | LL       | L_       |        |           |  |                 |  |                 | 100      | L  | <u>L_</u> _     |                |               | ┸      |  | لــــــــــــــــــــــــــــــــــــــ | :::::[        |       | 100      |          |                        |          |          |          |          | Ц.       | _1        |          |